

GenCore version 4.5
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OM nucleic - nucleic search, using sw model

Run on: March 9, 2002, 00:54:11 ; Search time 319.49 Seconds
(without alignments)
18.431 Million cell updates/sec

Title: US-09-851-670-18

Perfect score: 26

Sequence: 1 ttatgtggccatcttgcagcat 26

Scoring table: IDENTITY_NNC
Gapop 10.0 , Gapext 1.0

Searched: 351203 seqs, 113238999 residues

Total number of hits satisfying chosen parameters: 515962

Minimum DB seq length: 0
Maximum DB seq length: 60

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database :

1: Issued_Patents_NA:*
2: /cgn2_6/ptodata/2/ina/5A.COMB.seq:*
3: /cgn2_6/ptodata/2/ina/5B.COMB.seq:*
4: /cgn2_6/ptodata/2/ina/6A.COMB.seq:*
5: /cgn2_6/ptodata/2/ina/6B.COMB.seq:*
6: /cgn2_6/ptodata/2/ina/PCITUS.COMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	ID	Description
1	16.4	63.1	59.1	US-07-859-453E-7 Sequence 7, Appli
2	14.6	56.2	36.4	US-09-386-607-7 Sequence 7, Appli
3	14.2	54.6	39.4	US-09-079-984A-14 Sequence 14, Appli
4	14.2	54.6	43.2	US-08-857-946-156 Sequence 156, App
5	14.2	54.6	43.3	US-08-970-740-156 Sequence 156, App
6	14.2	53.8	27.2	US-09-038-227-53 Sequence 53, Appli
7	14.2	53.8	41.3	US-09-066-597-14 Sequence 14, Appli
8	13.6	52.3	37.3	US-09-277-016-3 Sequence 3, Appli
9	13.6	52.3	41.3	US-09-066-597-15 Sequence 15, Appli
10	13.4	51.5	58.3	US-08-155-938-37 Sequence 37, Appli
11	13.4	51.5	58.3	US-08-155-938-38 Sequence 38, Appli
12	13.2	50.8	19.2	US-08-809-297-2 Sequence 2, Appli
13	13.2	50.8	27.2	US-08-418-085-57 Sequence 57, Appli
14	13.2	50.8	27.2	US-09-099-011A-57 Sequence 57, Appli
15	13.2	50.8	36.2	US-08-418-085-52 Sequence 52, Appli
16	13.2	50.8	36.3	US-09-066-597-4 Sequence 4, Appli
17	13.2	50.8	36.4	US-09-099-011A-52 Sequence 52, Appli
18	13.2	50.8	48.3	US-08-480-041-15 Sequence 15, Appli
19	13.2	50.8	48.3	US-08-480-041-21 Sequence 21, Appli
20	13.2	50.0	21.3	US-08-335-844A-61 Sequence 61, Appli
21	13.2	50.0	27.2	US-08-418-085-42 Sequence 42, Appli
22	13.2	50.0	27.4	US-09-099-011A-42 Sequence 42, Appli
23	13.2	50.0	36.4	US-09-386-607-5 Sequence 5, Appli
24	13.2	50.0	39.2	US-08-418-085-37 Sequence 37, Appli
25	13.2	50.0	39.4	US-09-099-011A-37 Sequence 37, Appli
26	13.2	50.0	45.4	US-09-315-794-4 Sequence 4, Appli
27	13.2	50.0	45.4	US-09-389-341-4 Sequence 4, Appli

28	13	50.0	51.1	US-08-480-510-2 Sequence 2, Appli
29	13	50.0	51.5	PCN-US94-01780-2 Sequence 2, Appli
30	13	50.0	53.1	US-08-564-955-54 Sequence 54, Appli
31	13	50.0	53.2	US-08-537-874-54 Sequence 54, Appli
32	13	50.0	53.3	US-08-621-859-54 Sequence 54, Appli
33	13	50.0	53.3	US-09-100-856A-54 Sequence 54, Appli
34	13	50.0	53.4	US-09-075-511-54 Sequence 54, Appli
35	13	50.0	53.4	US-09-099-015-54 Sequence 54, Appli
36	13	50.0	53.4	US-09-232-863-54 Sequence 54, Appli
37	13	50.0	53.4	US-09-133-508A-54 Sequence 54, Appli
38	13	50.0	53.4	US-09-165-060-54 Sequence 54, Appli
39	13	50.0	53.4	US-09-501-698-54 Sequence 54, Appli
40	12.8	49.2	21.2	US-08-818-514-14 Sequence 14, Appli
41	12.8	49.2	21.3	US-09-115-934A-14 Sequence 14, Appli
42	12.8	49.2	30.3	US-08-513-974B-138 Sequence 138, App
43	12.8	49.2	46.4	US-09-262-773-184 Sequence 184, App
44	12.6	48.5	20.1	US-07-741-940-46 Sequence 46, Appli
45	12.6	48.5	20.1	US-08-289-548A-46 Sequence 46, Appli

ALIGNMENTS

RESULT 1
US-07-859-453E-7/c
Sequence 7, Application US/07859453E
Patent No. 5663141
GENERAL INFORMATION:
APPLICANT: Kurler, Manfred
APPLICANT: Ruebsamen, Klaus
APPLICANT: Schmied, Bernhard
APPLICANT: Koerner, Wolfgang
APPLICANT: Schweden, Ueigen
APPLICANT: Hoeftken, Hans Wolfgang
TITLE OF INVENTION: Hirtudin/polyalkylene glycol
TITLE OF INVENTION: conjugates
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSER: Kell & Weinlauf
STREET: 1101 Connecticut Avenue
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20036
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS version 7.0
SOFTWARE: WordPerfect version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/859, 453E
FILING DATE: 29-MAY-1992
CLASSIFICATION: 514
CLASSIFICATION: A 61 K 37/64
CLASSIFICATION: A 61 K 47/48
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP90/01998
FILING DATE: 22-NOV-1990
INFORMATION FOR SEQ ID NO. 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 59 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
US-07-859-453E-7
Query Match 63.1%; Score 16.4; DB 1; Length 59;
Best Local Similarity 76.9%; Pred. No. 47;
Matches 20; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
1 ttatgtggccatcttgcagcat 26
|||||||||

Db 35 TTTTCTGCGCGTTTGGCCAGGAT 10

RESULT 2

US-09-386-607-7/c

Sequence 7, Application US/09386607

Patent No. 6162628

GENERAL INFORMATION:

APPLICANT: Cherry, Joel

APPLICANT: Svendsen, Allan

APPLICANT: Andersen, Carsten

APPLICANT: Beler, Lars

APPLICANT: Frandsen, Torben

TITLE OF INVENTION: Maltogenic Alpha-Amylase Variants

FILE REFERENCE: 5443.414-US

CURRENT APPLICATION NUMBER: US/09/386,607

EARLIER FILING DATE: 1999-08-31

EARLIER APPLICATION NUMBER: DK98/00269

EARLIER FILING DATE: 1998-02-27

EARLIER APPLICATION NUMBER: 60/077,795

NUMBER OF SEQ ID NOS: 14

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 7

LENGTH: 36

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: F 284K primer

US-09-386-607-7

Query Match

Best Local Similarity

Matches 17; Conservative

56.2%; Score 14.6; DB 4; Length 36;

81.0%; Pred. No. 2.8e+02;

0; Mismatches 4; Indels 0; Gaps 0;

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TELEPHONE: (215) 563-1810

TELEFAX: (215) 568-6946

INFORMATION FOR SEQ ID NO: 14:

SEQUENCE CHARACTERISTICS:

LENGTH: 39 bases

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: other DNA; synthetic DNA

US-09-079-984A-14

Query Match

Best Local Similarity

Matches 16; Conservative

54.6%; Score 14.2; DB 4; Length 39;

84.2%; Pred. No. 4.4e+02;

0; Mismatches 3; Indels 0; Gaps 0;

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TELEPHONE: (215) 563-1810

TELEFAX: (215) 568-6946

INFORMATION FOR SEQ ID NO: 14:

SEQUENCE CHARACTERISTICS:

LENGTH: 39 bases

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: other DNA; synthetic DNA

US-09-079-984A-14

Query Match

Best Local Similarity

Matches 16; Conservative

54.6%; Score 14.2; DB 4; Length 39;

84.2%; Pred. No. 4.4e+02;

0; Mismatches 3; Indels 0; Gaps 0;

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TELEPHONE: (215) 563-1810

TELEFAX: (215) 568-6946

INFORMATION FOR SEQ ID NO: 14:

SEQUENCE CHARACTERISTICS:

LENGTH: 39 bases

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: other DNA; synthetic DNA

US-09-079-984A-14

Query Match

Best Local Similarity

Matches 16; Conservative

54.6%; Score 14.2; DB 4; Length 39;

84.2%; Pred. No. 4.4e+02;

0; Mismatches 3; Indels 0; Gaps 0;

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TELEPHONE: (215) 563-1810

TELEFAX: (215) 568-6946

INFORMATION FOR SEQ ID NO: 14:

SEQUENCE CHARACTERISTICS:

LENGTH: 39 bases

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: other DNA; synthetic DNA

US-09-079-984A-14

Query Match

Best Local Similarity

Matches 16; Conservative

54.6%; Score 14.2; DB 4; Length 39;

84.2%; Pred. No. 4.4e+02;

0; Mismatches 3; Indels 0; Gaps 0;

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TELEPHONE: (215) 563-1810

TELEFAX: (215) 568-6946

INFORMATION FOR SEQ ID NO: 14:

Db 12 TATGACCATCTTCTCCAG 30

RESULT 5
US-08-970-740-156

; Sequence 156, Application US/08970740

; Patent No. 6015670

; GENERAL INFORMATION:

; APPLICANT: Goodfellow, P.N.

; TITLE OF INVENTION: METHODS FOR IDENTIFYING A MUTATION IN A

; TITLE OF INVENTION: GENE OF INTEREST

; NUMBER OF SEQUENCES: 162

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Banner & Witcoff, Inc.

; STREET: 28 State Street, 28th Floor

; CITY: Boston

; STATE: Massachusetts

; COUNTRY: USA

; ZIP: 02109

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: WordPerfect 6.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/970,740

; FILING DATE: 14-NOV-1997

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/857,946

; FILING DATE: 16-MAY-1997

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 60/017,824

; FILING DATE: 17-MAY-1996

; ATTORNEY/AGENT INFORMATION:

; NAME: Kathleen M. Williams

; REGISTRATION NUMBER: 34,380

; REFERENCE/DOCKET NUMBER: 3529/59829

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 617-227-7111

; TELEFAX: 617-227-4399

; INFORMATION FOR SEQ ID NO: 156:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 43 bases

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: other nucleic acid

; FEATURE:

; NAME/KEY: primer Pax6mm200t

; US-08-970-740-156

Query Match 54.6%; Score 14.2; DB 3; Length 43;

Best Local Similarity 84.2%; Pred. No. 4.4e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 5 ttgtggccatcttgcag 23

Db 12 TATGACCATCTTCTCCAG 30

RESULT 6

US-09-038-227-53/c

; Sequence 53, Application US/09038227

; Patent No. 5917029

; GENERAL INFORMATION:

; APPLICANT: Yu, Su-May

; TITLE OF INVENTION: SUGAR-RESPONSIVE ENHANCERS

; TITLE OF INVENTION: IN ALPHA-AMYLASE GENES

; NUMBER OF SEQUENCES: 53

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Fish & Richardson P.C.

STREET: 225 Franklin Street

CITY: Boston

STATE: MA

COUNTRY: US

ZIP: 02110-2804

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: Windows95

SOFTWARE: FastSeq for Windows Version 2.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/038,227

; FILING DATE: 11-MAR-1998

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER:

; FILING DATE:

; ATTORNEY/AGENT INFORMATION:

; NAME: Tsao, Y. Rocky

; REGISTRATION NUMBER: 34,053

; REFERENCE/DOCKET NUMBER: 05228/031001

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 617/542-5070

; TELEFAX: 617/542-8906

; INFORMATION FOR SEQ ID NO: 53:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 27 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA

; US-09-038-227-53

Query Match 53.8%; Score 14; DB 2; Length 27;

Best Local Similarity 77.3%; Pred. No. 5e+02;

Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

OY 1 ttattggccatcttgcag 22

Db 26 TTATGTGTCGTCCTATCGA 5

RESULT 7

US-09-066-597-14/c

; Sequence 14, Application US/09066597

; Patent No. 6001595

; GENERAL INFORMATION:

; APPLICANT: Ilm p, Maria

; APPLICANT: Onnela, Maija-Leena

; TITLE OF INVENTION: Pentilil, Merja

; NUMBER OF SEQUENCES: 23

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.

; STREET: 1100 New York Avenue, NW, Suite 600

; CITY: Washington

; STATE: DC

; COUNTRY: USA

; ZIP: 20005-3934

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/066,597

; FILING DATE: Herewith

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 60/032,156

; FILING DATE: 29-NOV-1996

; PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 60/032,959
FILING DATE: 13-DEC-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/040,140
FILING DATE: 10-MAR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/980,061
FILING DATE: 26-NOV-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/FI97/00742
FILING DATE: 01-DEC-1997
ATTORNEY/AGENT INFORMATION:
NAME: Kim, Judith U.
REGISTRATION NUMBER: 40,679
REFERENCE/DOCKET NUMBER: 1716.0660004/MAC/JUK
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 41 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "oligonucleotide"
US-09-066-597-14

Query Match 53.8%; Score 14; DB 3; Length 41;
Best Local Similarity 77.3%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

OY 1 ttatgtggccattgttcga 22
Db 25 TTAATGAGCGTATCTTATCGA 4

RESULT 8
US-09-277-016-3/c
Sequence 3, Application US/09277016
Patent No. 6143529
GENERAL INFORMATION:
APPLICANT: Shuber, Anthony P
APPLICANT: Lapidus, Stanley N
TITLE OF INVENTION: Methods for improving sensitivity and specificity of
FILE REFERENCE: EXT-030
CURRENT APPLICATION NUMBER: US/09/277,016
CURRENT FILING DATE: 1999-03-26
EARLIER APPLICATION NUMBER: 08/876,857
EARLIER FILING DATE: 1997-06-16
EARLIER APPLICATION NUMBER: 08/700,583
EARLIER FILING DATE: 1996-08-14
NUMBER OF SEQ ID NOS: 37
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO: 3
LENGTH: 37
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(37)
OTHER INFORMATION: apc probe apc-1378
US-09-277-016-3

Query Match 52.3%; Score 13.6; DB 3; Length 37;
Best Local Similarity 80.0%; Pred. No. 8.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
OY 4 ttgtggccattgttcga 23
Db 16 TTAATGAGCGTATCTTATCGA 4

Db 29 TCGTGGCATTGTTTCAG 10

RESULT 9
US-09-066-597-15
Sequence 15, Application US/09066597
Patent No. 6001595
GENERAL INFORMATION:
APPLICANT: Ilm U, Marja
APPLICANT: Onnela, Marja-Leena
APPLICANT: Penttil, Merja
TITLE OF INVENTION: New Promoters and Uses Thereof
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
STREET: 1100 New York Avenue, NW, Suite 600
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/066,597
FILING DATE: Herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/032,156
FILING DATE: 29-NOV-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/032,959
FILING DATE: 13-DEC-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/040,140
FILING DATE: 10-MAR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/980,061
FILING DATE: 26-NOV-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/FI97/00742
FILING DATE: 01-DEC-1997
ATTORNEY/AGENT INFORMATION:
NAME: Kim, Judith U.
REGISTRATION NUMBER: 40,679
REFERENCE/DOCKET NUMBER: 1716.0660004/MAC/JUK
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 41 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "oligonucleotide"
US-09-066-597-15

Query Match 52.3%; Score 13.6; DB 3; Length 41;
Best Local Similarity 80.0%; Pred. No. 8.3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
OY 1 ttatgtggccattgttc 20
Db 21 TTAATGAGCGTATCTTATC 40

RESULT 10
US-08-155-938-37

CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/JP96/02121
FILING DATE: 26-JUL-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP HEI 7-211328
FILING DATE: 28-JUL-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP HEI 8-130586
FILING DATE: 30-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: OBLON, NORMAN F.
REGISTRATION NUMBER: 24618
REFERENCE/DOCKET NUMBER: 2589-057-0PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 413-3000
TELEFAX: (703) 413-2220
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "SYNTHETIC DNA"
US-08-809-297-2

Query Match 50.8%; Score 13.2; DB 2; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2 tatgtggccatcttctg 19
|||||
DB 2 TATTGTGGCCAGTTTGT 19

RESULT 13
US-08-418-085-57/C
Sequence 57, Application US/08418085
Patent No. 5869283
GENERAL INFORMATION:
APPLICANT: SLIJKHUIS, HERMAN; SELTEN, GERARDUS CORNELIS
APPLICANT: MARIA; SMAAL, ERIC BASTIAN
TITLE OF INVENTION: PROCESS FOR OXIDATION OF STEROIDS AND
TITLE OF INVENTION: GENETICALLY ENGINEERED CELLS USED THEREIN
NUMBER OF SEQUENCES: 79
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/418,085
FILING DATE: 06-APR-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/054,185
FILING DATE: 26-APR-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/002,608
FILING DATE: 11-JAN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/474,857
FILING DATE: 30-OCT-1990

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/474,798
FILING DATE: 16-JULY-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/NL89/00072
FILING DATE: 25-SEPT-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: NL/88/200904.6
FILING DATE: 06-MAY-88
PRIOR APPLICATION DATA:
APPLICATION NUMBER: NL/88/202080.3
FILING DATE: 03-SEP-88
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 146,1169 CON-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 57:
SEQUENCE CHARACTERISTICS:
LENGTH: 27
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
FEATURE:
NAME/KEY:
LOCATION:
IDENTIFICATION METHOD:
OTHER INFORMATION: PRIMER ADR4, FIGURE 40
US-08-418-085-57

Query Match 50.8%; Score 13.2; DB 2; Length 27;
Best Local Similarity 83.3%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 5 tgtggccatcttgcga 22
|||||
DB 24 TGTGACATTTTGTGCA 7

RESULT 14
US-09-099-011A-57/C
Sequence 57, Application US/09099011A
Patent No. 6171836
GENERAL INFORMATION:
APPLICANT: SLIJKHUIS, HERMAN; SELTEN, GERARDUS CORNELIS
APPLICANT: GERARDUS CORNELIS MARIA; SMAAL, ERIC BASTIAN
TITLE OF INVENTION: PROCESS FOR OXIDATION OF
TITLE OF INVENTION: STEROIDS AND GENETICALLY ENGINEERED CELLS
NUMBER OF SEQUENCES: 79
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN, MUSERLIAN & LUCAS
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: MICROSOFT WORD 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/099,011A
FILING DATE: 17-JUN-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/418,085
FILING DATE: 06-APR-1995
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/054,185
FILING DATE: 26-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/002,608
FILING DATE: 11-JAN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/474,857
FILING DATE: 30-OCT-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/474,798
FILING DATE: 16-JULY-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/NL89/00072
FILING DATE: 25-SEPT-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: NL88/200904.6
FILING DATE: 06-MAY-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: NL/88/202080.3
FILING DATE: 03-SEP-1988
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 146,1169-
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8000
INFORMATION FOR SEQ ID NO: 57:
SEQUENCE CHARACTERISTICS:
LENGTH: 27 BASE PAIRS
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
FEATURE:
OTHER INFORMATION: PRIMER ADR4,
OTHER INFORMATION: FIGURE 40
US-09-099-011A-57

Query Match 50.8%; Score 13.2; DB 4; Length 27;
Best Local Similarity 83.3%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5 tttggcatttggcca 22
||||| ||| ||||| |
Db 24 TGTGGACATTTTGTGCA 7

RESULT 15
US-08-418-085-52/c
Sequence 52, Application US/08418085
Patent No. 5869283
GENERAL INFORMATION:
APPLICANT: SLIKHUIS, HERMAN; SELTEN, GERARDUS CORNELIS
TITLE OF INVENTION: PROCESS FOR OXIDATION OF STEROIDS AND
NUMBER OF SEQUENCES: 79
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/418,085

FILING DATE: 06-APR-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/054,185
FILING DATE: 26-APR-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/002,608
FILING DATE: 11-JAN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/474,857
FILING DATE: 30-OCT-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/474,798
FILING DATE: 16-JULY-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/NL89/00072
FILING DATE: 25-SEPT-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: NL/88/200904.6
FILING DATE: 06-MAY-88
PRIOR APPLICATION DATA:
APPLICATION NUMBER: NL/88/202080.3
FILING DATE: 03-SEP-88
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 146,1169 CON-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 52:
SEQUENCE CHARACTERISTICS:
LENGTH: 36
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
FEATURE:
NAME/KEY:
LOCATION:
IDENTIFICATION METHOD:
OTHER INFORMATION: OLIGOMER ADR-4
US-08-418-085-52

Query Match 50.8%; Score 13.2; DB 2; Length 36;
Best Local Similarity 83.3%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5 tttggcatttggcca 22
||||| ||| ||||| |
Db 24 TGTGGACATTTTGTGCA 7

Search completed: March 9, 2002, 00:54:11
Job time: 11362 sec

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